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UTILITY PATENT APPLICATION TRANSMITTAL

Attorney Docket No.		018564-002420US	
First Inventor		Sunshine, Steven A.	
Title	ALIGNED PARTICLE BASED SENSOR ELEMENTS		
Express Mail Label No.			

(Only for new nonprovisional applications under 37 C.F.R. § 1.53(b))

APPLICATION ELEMENTS

See MPEP chapter 600 concerning design patent application contents.

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)
 (Submit an original and a duplicate for fee processing)
2. ☐ Applicant claims small entity status.
 See 37 CFR 1.27.
3. ☒ Specification [Total Pages 30]
 (preferred arrangement set forth below)
 - Descriptive title of the invention
 - Cross References to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or
 a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C.113) [Total Sheets 3]
5. Oath or Declaration [Total Pages 2]
 a. ☒ Newly executed (original or copy)
 b. ☐ Copy from a prior application (37 CFR 1.63 (d))
 (for a continuation/divisional with Box 18 completed)
 i. ☐ **DELETION OF INVENTOR(S)**
 Signed statement attached deleting inventor(s)
 named in the prior application, see 37 CFR
 1.63(d)(2) and 1.33(b).
6. ☒ Application Data Sheet. See 37 CFR 1.76

ADDRESS TO

Assistant Commissioner for Patents
 Box Patent Application
 Washington, DC 20231

7. ☐ CD-ROM or CD-R in duplicate, large table or
 Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission
 (if applicable, all necessary)
 a. ☐ Computer Readable Form (CRF)
 b. Specification Sequence Listing on:
 i. ☐ CD-ROM or CD-R (2 copies); or
 ii. ☐ paper number of pages
 c. ☐ Statements verifying identity of above copies

ACCOMPANYING APPLICATIONS PARTS

9. ☒ Assignment Papers (cover sheet & document(s))
10. ☐ 37 C.F.R. § 3.73(b) Statement [Power of Attorney]
 (when there is an assignee)
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure [Copies of IDS]
 Statement (IDS)/PTO-1449 Citations
13. ☒ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)
 (Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s)
 (if foreign priority is claimed)
16. ☐ Nonpublication Request under 35 U.S.C.
 122(b)(2)(B)(i). Applicant must attach form PTO/SB/35
 or its equivalent
17. ☐ Other:

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment,
 or in an Application Data Sheet under 37 CFR 1.76:

☒ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No: 09 / 600,346
 Prior application information: Examiner Easthorn, K. Group Art Unit: 2832

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied
 under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by
 reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

☐ Customer Number or Bar Code Label [] or ☒ Correspondence address below
 (Insert Customer No. or Attach bar code label here)

Name	Steven A. Sunshine, Ph.D.				
	President and CEO				
Address	Cyrano Sciences, Inc.				
	73 N. Vinedo Avenue				
City	Pasadena	State	CA	Zip Code	91107
Country	US	Telephone	(626) 744-1700	Fax	(626) 744-1777

Name (Print/Type)	Helen Wallace	for Cyrano Sciences, pro se	
Signature			Date February 27, 2002

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any
 comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark
 Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for
 Patents, Box Patent Application, Washington, DC 20231.
 WC 9038094 v1

**FEE TRANSMITTAL
for FY 2001**

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$) 830**Complete if Known**

Application Number	Unassigned
Filing Date	February 27, 2002
First Named Inventor	Sunshine, Steven A.
Examiner Name	Easthorn, K. (parent)
Group Art Unit	2832 (parent)
Docket No.	

METHOD OF PAYMENT

- 1.
- ☒
- The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit
Account
NumberDeposit
Account
Name

- ☒
- Charge Any Additional Fee Required
-
- Under 37 CFR 1.16 and 1.17
-
- ☐
- Applicant claims small entity status.
-
- See 37 CFR 1.27

- 2.
- ☒
- Payment Enclosed:**

- ☒
- Check
- ☐
- Credit card
- ☐
- Money
-
- Order
- ☐
- Other

FEE CALCULATION**1. BASIC FILING FEE**

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
101	740	201	370	Utility filing fee	740
106	330	206	165	Design filing fee	
107	510	207	255	Plant filing fee	
108	740	208	370	Reissue filing fee	
114	160	214	80	Provisional filing fee	

SUBTOTAL (1)

(\$740)

2. EXTRA CLAIM FEES

Total Claims	Extra Claims	Fee from below	Fee Paid
25 -20** = 5	X	\$18	\$90
Independent Claims 1 -3** = 0	X	\$84	\$0
Multiple Dependent	X		

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description
103	18	203	9	Claims in excess of 20
102	84	202	42	Independent claims in excess of 3
104	280	204	140	Multiple dependent claim, if not paid
109	84	209	42	** Reissue independent claims over original patent
110	18	210	9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2)

(\$90)

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)**3. ADDITIONAL FEES**

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
105	130	205	65	Surcharge - late filing fee or oath	
127	50	227	25	Surcharge - late provisional filing fee or cover sheet.	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	400	216	200	Extension for reply within second month	
117	920	217	460	Extension for reply within third month	
118	1,440	218	720	Extension for reply within fourth month	
128	1,960	228	980	Extension for reply within fifth month	
119	320	219	160	Notice of Appeal	
120	320	220	160	Filing a brief in support of an appeal	
121	280	221	140	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1,280	241	640	Petition to revive - unintentional	
142	1,280	242	640	Utility issue fee (or reissue)	
143	460	243	230	Design issue fee	
144	620	244	310	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Petitions related to provisional applications	
126	180	126	180	Submission of Information Disclosure Stmt	
581	40	581	40	Recording each patent assignment per property (times number of properties)	
146	740	246	370	Filing a submission after final rejection (37 CFR § 1.129(a))	
149	740	249	370	For each additional invention to be examined (37 CFR § 1.129(b))	
179	740	279	370	Request for Continued Examination (RCE)	
169	900	169	900	Request for expedited examination of a design application	

Other fee (specify)

The Commissioner is authorized to charge any additional fees to the above noted Deposit Account.

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3)

(\$)

SUBMITTED BY**Complete (if applicable)**

Name (Print/Type)

Cyrano Sciences, Inc., pro se

Telephone

626 744 1700

Signature

Date

February 27, 2002

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

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Application Data Sheet

Application Information

Application number::
Filing Date:: 02/27/02
Application Type:: Regular
Subject Matter:: Utility
Suggested classification::
Suggested Group Art Unit::
CD-ROM or CD-R??:
Number of CD disks::
Number of copies of CDs::
Sequence Submission::
Computer Readable Form (CRF)?::
Number of copies of CRF::
Title:: ALIGNED PARTICLE BASED SENSOR
ELEMENTS
Attorney Docket Number:: 018564-002420US
Request for Early Publication:: No
Request for Non-Publication:: No
Suggested Drawing Figure::
Total Drawing Sheets:: 3
Small Entity?:: No
Latin name::
Variety denomination name::
Petition included?:: No
Petition Type::
Licensed US Govt. Agency::
Contract or Grant Numbers One::
Secrecy Order in Parent Appl.: No

Applicant Information

Applicant Authority Type:: Inventor
Primary Citizenship Country:: US
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Name Suffix::
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State or Province of mailing address:: CA
Country of mailing address::
Postal or Zip Code of mailing address:: 91106

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Representative Information

Representative Designation::	Representative Number::	Representative Name::
Primary		
Associate		

Domestic Priority Information

Application::	Continuity Type::	Parent Application::	Parent Filing Date::
This Application	Continuation of	09/600,346	07/14/00
09/600,346	National Stage of	09/201,999	12/01/98

Foreign Priority Information

Country::	Application number::	Filing Date::
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Assignee Information

Assignee Name::
Street of mailing address::
City of mailing address::
State or Province of mailing address::

Country of mailing address::

Postal or Zip Code of mailing address::

This sheet is not to be filed with the USPTO, but retained in the prosecution file as a record of the DOCSOpen number. Fields having no information may be deleted from the ADS. For example, if there is no foreign priority claim, the foreign priority text may be deleted from the ADS.

WC 9038089 v1